

PTO/SB/21 (05-03)

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/964,810
		Filing Date	September 28, 2001
		First Named Inventor	Christopher N. OLSEN
		Art Unit	3729
		Examiner Name	Carl J. ARBES
Total Number of Pages in This Submission	6	Attorney Docket Number	2207/12554

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<b>Certificate under 37 CFR 3.73(b) and copies of Assignment and other documents in chain of title</b>
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

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*AUG 18 2003*

*TECHNOLOGY CENTER R3700*

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	KENYON & KENYON by Shawn W. O'Dowd, Reg. No. 34,687
Signature	<i>Shawn W. O'Dowd</i>
Date	<i>8/14/03</i>

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT

Application Number	09/964,810
Filing Date	September 28, 2001
First Named Inventor	Christopher N. OLSEN
Art Unit	3729
Examiner Name	Carl J. ARBES
Attorney Docket Number	02207/12554

I hereby appoint:

 Practitioners at Customer Number

23838

Place Customer  
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OR

 Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

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 Practitioners at Customer Number Place Customer  
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Shawn W. O'Dowd

Address Kenyon &amp; Kenyon

Address 1500 K Street, N.W.

City Washington State DC ZIP 20005

Country USA

Telephone (202) 220-4255 Fax (202) 220-4201

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I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

## SIGNATURE of Applicant or Assignee of Record

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

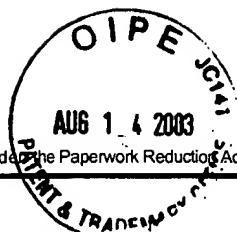
Name	Pam Matlock	Title	Secretary of Patents
Signature	<i>Pam Matlock</i>		
Date	August 12, 2003	Telephone	408/765-1144

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

 \*Total of one (1) forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Intel Corporation

Application No./Patent No.: 09/964,810 Filed/Issue Date: September 28, 2001

Entitled: METHOD FOR REDUCING MULTILINE EFFECTS ON A PRINTED CIRCUIT BOARD

(Name of Assignee) \_\_\_\_\_ a \_\_\_\_\_ (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title, and interest

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012360, Frame 0353, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To:  
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Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To:  
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Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Pam Matlock August 12, 2003 Pam Matlock  
Date Signature

(408) 765-1144

Pam Matlock

Telephone Number

Typed or printed name

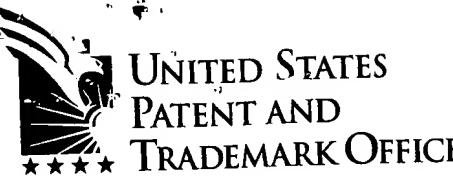
Secretary of Patents

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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FEBRUARY 05, 2002

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ANTONELLI TERRY STOUT & KRAUS, LLP  
DAVID C. OREN  
1300 NORTH 17TH STREET  
SUITE 1800  
ARLINGTON, VA 22209

Under Secretary of Commerce For Intellectual Property and  
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Washington, DC 20231  
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\*101918435A\*

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
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RECORDATION DATE: 12/11/2001

REEL/FRAME: 012360/0353  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
OLSEN, CHRISTOPHER N.

DOC DATE: 11/20/2001

ASSIGNEE:  
INTEL CORPORATION  
2200 MISSION COLLEGE BLVD.  
M/S: SC4-202  
SANTA CLARA, CALIFORNIA 95052

SERIAL NUMBER: 09964810  
PATENT NUMBER:

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TECHNOLOGY CENTER 4370  
FILING DATE: 09/28/2001  
ISSUE DATE:

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2



12-17-2001

To the Honorable Commissioner:

1. Name of conveying party(ies):  
**OLSEN, CHRISTOPHER N.**

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: **November 20, 2001.**

Case record the attached original documents or copy thereof.

2. Name and address of receiving party(ies)

Name: **INTEL CORPORATION**  
Internal  
Address: **M/S: SC4-202**  
Street Address: **2200 Mission College Blvd.**

City: **Santa Clara** State: **CA** Zip: **95052**  
 Other

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s): **09/964,810**

If this document is being filed together with a new application, the execution date of the application is: **DEC 11 2001**

A. Patent Application No.(s)

B. Patent Registration No.(s)

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**TECHNOLOGY CENTER R3700**

Additional number(s) attached  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Antonelli, Terry, Stout & Kraus, LLP**

Internal Address:

**1300 North Seventeenth Street  
Suite 1800  
Arlington, VA 22209  
USA**

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

6. Total number of applications and patents involved **1**

7. Total fee (37 CFR 3.41)..... **\$40.00**

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

**01-2135**

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**David C. Oren**

**Reg. No. 38,694**

**12/11/2001**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **3**

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**Washington, D.C. 20231**

12/13/2001 AGDITOM 00000053 09964010

02 FC:581

40.00 0P

**ASSIGNMENT**  
(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, Christopher N. OLSEN, the undersigned, hereby sell, assign, and transfer to INTEL CORPORATION a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, SC4-202 Santa Clara, CA 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed September 28, 2001 and assigned Application No. 09/964,810 and is entitled METHOD FOR REDUCING MULTILINE EFFECTS ON A PRINTED CIRCUIT BOARD, and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

Nov 20, 2001  
Date

  
Name: Christopher N. OLSEN

\_\_\_\_, 20\_\_\_\_  
Date

Name: \_\_\_\_\_

State of: \_\_\_\_\_

} Assignment Document Return Address:  
County of: \_\_\_\_\_ } SS. ANTONELLI, TERRY, STOUT & KRAUS, LLP  
} 1300 N. Seventeenth St., Suite 1800  
} Arlington, VA 22209  
(703) 312-6600; fax (703) 312-6666

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_,  
before me, \_\_\_\_\_, the undersigned Notary Public,  
personally appeared \_\_\_\_\_ [ ] personally  
known to me [ ] proved to me on the basis of satisfactory  
evidence to be the person(s) whose name(s)  
subscribed to the within instrument, and acknowledged that  
\_\_\_\_\_ executed it.

WITNESS my hand and official seal.

Notary's Signature

**Each Inventor: Please  
also list the date that  
you signed the  
accompanying  
DECLARATION AND  
POWER OF  
ATTORNEY:**

Nov 20, 2001  
Date

\_\_\_\_, 20\_\_\_\_  
Date